

**PATENT**/Docket No. PC27453A  
Appl. No. 10/706255  
Filing Date: November 12, 2003  
Amdt. dated February 13, 2007  
Reply to Office action of November 14, 2006

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Original) A composition comprising:
  - (a) one to three bioactive agents; and
  - (b) a vehicle comprising:
    - (i) a modified liquid carrier, and
    - (ii) an un-modified liquid carrierwherein the ratio by volume of the modified liquid carrier to the un-modified liquid carrier is between 0.00001:99.99999 to less than 0.01:99.99, that provide the composition with predictable sustained-release properties and wherein immediately after manufacture of the composition, said composition can be administered to a host such that the one to three bioactive agents is released to the host on a sustained basis.
2. (Original) The composition according to claim 1 wherein said one to three bioactive agents is selected from the group consisting of pharmaceuticals, immunogenic and immunomodulator compositions, vectors, viruses, spores, nutritional supplements and bacteria and mixtures thereof.
3. (Original) The composition according to claim 2 wherein said bioactive substance comprises crystalline ceftiofur free acid.
4. (Original) The composition according to claim 1 wherein said vehicle comprises a modified liquid carrier and an un-modified, unsaturated oil suitable for modification.
5. (Original) The composition according to claim 1 wherein said vehicle comprises a modified and an un-oxidizable oil.
6. (Original) The composition according to claim 1 wherein said modified liquid carrier comprises a modified vegetable oil wherein said vegetable oil is selected from the group consisting of corn

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oil, peanut oil, sesame oil, olive oil, palm oil, safflower oil, soybean oil, cottonseed oil, rapeseed oil, sunflower oil and mixtures thereof.

7. (Original) The composition according to claim 4 wherein said modified liquid carrier comprises modified cottonseed oil.
8. (Original) The composition according to claim 4 wherein said un-modified liquid carrier comprises coconut oil.
9. – 11. (Withdrawn)
12. (Currently Amended) The composition according to claim [11] 7 wherein the concentration of crystalline ceftiofur free acid in said composition ranges from 50 mg/ml to 250 mg/ml.
13. (Currently Amended) The composition according to claim [11] 7 wherein the concentration of crystalline ceftiofur free acid in said composition ranges from about 100 mg/ml to about 200 mg/ml.
- 14.- 15. (Withdrawn)
16. (New) The composition according to claim 8 wherein the concentration of crystalline ceftiofur free acid in said composition ranges from 50 mg/ml to 250 mg/ml.
17. (New) The composition according to claim 8 wherein the concentration of crystalline ceftiofur free acid in said composition ranges from about 100 mg/ml to about 200 mg/ml.